

**MINUTES OF THE PUBLIC HEARING FOR
THE PROPOSED 45 KLPD GRAIN BASED DISTILLERY UNIT BY
“GADHINGLAJ AGRO ALCOCHEM LTD.”
GAT NO.990/1, BERADWADI, A/P.: BHADGAON,
TAL.: GADHINGLAJ, DIST.: KOLHAPUR
MAHARASHTRA STATE**

Public Hearing for the proposed 45 KLPD grain based distillery, At-Gat No. 990/1, Beradwadi, At/Post- Bhadgaon, Tal- Gadhinglaj, Dist- Kolhapur, Maharashtra was held on 17th August 2013 at 12:30 PM in the Sabhagruh of Dr. A.D. Shinde, Institute of Technology, Bhadgaon. Tal: Gadhinglaj, Dist. Kolhapur. Following panel members were present for conducting the public hearing;

1. Shri Sanjay Pawar, Chairman
Additional District Magistrate, Kolhapur
Representative of District Collector,
Dist.: Kolhapur

2. Shri P. R. Mane Convener
I/c Sub - Regional Officer,
MPCB, Kolhapur

First of all Shri P. R. Mane, Sub Regional Officer and Convener of the Public hearing welcomed all and started meeting with the permission of Hon. Chairman. He conveyed that today's hearing was being conducted as per Ministry of Environment and Forest (MoEF), Government of India Notification No.S. O. 1533 (E) dated 14th September,2006. According to the said notification conducting the public hearing is a pre-requisite for the proposed 45 KPLD Grain Based distillery's Environmental Clearance. Accordingly, M/s. Gadhinglaj Agro Alcochem Ltd. (GAAL)made application to the M.P. C. Board, Mumbai for conducting public hearing. Hon. District Collector accorded approval for conducting the public hearing on 17.08.2013. He informed that as per the Notification of the public hearing, one month's advance public notice has to be published in local newspaper, in English and Marathi. Accordingly the same was published in daily Pudhari (in Marathi) and daily Times of India (in English) dated 16th July 2013. The documents of EIA report were made available to the general public at Zilla Parishad, Kolhapur, Collector Office, Kolhapur, District Industries Center, Kolhapur, Maharashtra Pollution Control Board, Kolhapur and Mumbai, Department of

Environment, Government of Maharashtra, Mantralaya, Mumbai, Grampanchayat Bhadgaon, Tahsildar Office, Gadhinglaj, etc.

Shri Sanjay Pawar, Additional District Magistrate, Kolhapur then told that aim of the public hearing is to inform public about the proposed project, probable effects on environment due to project and mitigation measures for the same. He conveyed to audience that the consultant for the proposed project will first explain the project elaborately and then everybody will be allowed to ask the question / queries, if any, regarding the proposed project. The minutes of the same will be prepared and forwarded to Ministry of Environment & Forests; New Delhi. He further informed that the scope of the public hearing panel is limited only to conduct public hearing, note down suggestions, objections, and queries of the public and submit its report to the government.

Then the Technical Consultant of the Project Mr. Sangram Ghugare welcomed and informed about the project through power point presentation. Thereunder, detailed information about proposed project, place, project proponents, need of project, products and raw materials, environmental aspects such as water consumption and effluent generation, air pollution, solid and hazardous waste generation, noise pollution, social and financial development, green belt development program, environmental management plan (EMP), draft EIA report, biodiversity of project area, current problems and their mitigation measures, etc. was presented.

After completion of presentation, following questioning session was conducted-

- ❖ **Shri Shivaji Patil from Hasurli asked about what is DDGS, where it gets generated and what is the use of it.**

Answer given by the Consultant - Mr. Sangram Ghugare—The alcohol stripped whole stillage is subjected to centrifugation to separate the suspended fibrous mass and the thin stillage. This thin stillage is concentrated in the multi-effect evaporation system, which is supplied with steam. Part of the thin stillage is recycled back to be used in the process as backset. The water vapours coming out of evaporator are condensed and sent back to be used as recycle condensate. The concentrated thin stillage in the form of syrup is taken to the drying section where it is mixed with the fibrous mass and subjected to drying in the decanter-dryer system to produce Distiller's Dry Grains with Solubles (DDGS). This also requires additional steam. The final moisture content of DDGS is about 8.0 to 9.0 %. The quantity of DDGS produced is around 300 to 335 Kg per MT of sorghum processed. Production of DDGS

to the tune of 40 MT/ Day has been envisaged under the proposed project. This DDGS can be sold as high protein containing animal feed

❖ **Shri Ishwar Manohar Kesarkar from Bhadgaon asked about the daily water consumption required for the project.**

Answer given by the Consultant Mr. Sangram Ghugare– For the beginning of the industry during commissioning the water requirement is 948 M³, but industry recycling/reuse around 50% of the water due to which the fresh water to be taken from river would be to the tune of 478 M³/Day and the requirement of rest of the water for the process is to be made available from the recycled process streams such as condensate, leeses and blow downs i.e. the effluents.

❖ **Shri Sagar Pattankodi from Bhadgaon asked about what will be the alcohol storage period in the industry.**

Answer given by the Consultant Mr. Sangram Ghugare– It was told that alcohol storage for about 20 day's generation capacity.

❖ **Shri Mohammad Jamadar from Halkarni asked about the feasibility of raw materials other than maize and Jawar.**

Answer given by the Consultant – Other than Maize and Jawar, Rice and Bajara can also be used as raw material for the production of alcohol. It was told that anything containing starch can serve as the raw material for alcohol production.

❖ **Shri Jaywant Bhairu Chikhalkar from Chanekuppi asked about what type of method to be used for alcohol production.**

Answer given by Mr. Sangram Ghugare–Generally two types of methodologies are used for the alcohol production. One is continuous fermentation and the other one is batch type fermentation process. In this proposed project, batch type fermentation process would be adopted.

❖ **Shri Sunil Kumbhar from Bhadgaon asked about how many days will be the distillery in operation.**

Clarification given by the Consultant Mr. Sangram Ghugare – The distillery will be in operation throughout the year i.e. for twelve months.

❖ **Shri Balasaheb Chavan from Nul asked whether there will be any noise pollution from the proposed project.**

Clarification given by the Consultant Mr. Sangram Ghugare - Noise polluting source in case of distillery are boiler house, fermentation section, distillation section etc. The pumps, blowers, turbines therein are the main points where high noise levels are often observed. Isolation, Segregation & Insulation techniques to be observed for proper noise management. Major sources to be kept in isolated areas provided with acoustic treatment. The workers to be provided with earmuffs & other PPE. Shelterbelt plantation under green belt would attenuate the noise levels from plant to surroundings. Therefore, there would not be any significant noise pollution from the project.

❖ **Mrs. Pratibha Patil from Hudduggi asked about were there any developments happen in surrounding places because of the proposed project.**

Answer given by the Consultant Mr. Sangram Ghugare-The industry would encourage Infrastructural Development activities in its operational area. This would include construction of water supply & transportation facilities like roads; permanent shelters for bus stops etc. The project would provide direct or indirect employment opportunities to local people through generation of primary and secondary jobs and works.

❖ **Mrs. Vaishali Patil from Gadhinglaj asked about the total investment to be incurred for the proposed project.**

Answer given by the Consultant Mr. Sangram Ghugare-The capital investment for the proposed project would be to the tune of Rs. 48.27 Crores.

Shri P. R. Mane, SRO, MPCB Kolhapur further requested people to present written queries, objections and questions if any. Shri Sanjay Pawar further added that these written documents shall also form the part of proceedings of the hearing which shall be forwarded to MoEF through our M. P. C. Board Office, Mumbai .

❖ **Shri Vitthal Sutar from Gadhinglaj asked if there will be any impact of the proposed project activities on the health of local people.**

Answer given by the Mr. Ghugare-It was communicated that there shall not be any threat to health of people due to the project activities. This is because there shall not be any effluent discharges that would pollute or contaminate river or ground water. Further, it was added that the boiler stack emission shall be only SPM and SO₂ for which adequate care and

precaution has been taken through provision of air pollution control equipment in the form of bag filters and adequate stack height of 40 M. Since there shall not be any effluents and emissions of hazardous nature, no health problem was envisaged. Further, it was informed that there were no any possibilities of diseases spread due to the project.

Here the Chairman of public hearing panel asked if the questioner knows any such case of disease spread due to any industry. Further, he told that there would be checks on the industrial activities through MPCB routinely. The consultant further added that the industry will have to submit routine yearly compliance to MoEF and MPCB such as environmental audit report, monitoring data, hazardous wastes returns etc.. These documents are open to public and they can check the status of industry any time and register their objections if they desire.

❖ **Shri Chandrakant Jadhav from Hasurwadi asked that in how many days the project will start.**

Answer given by the Project Proponent -The project will start within one year.

Shri Jadhav further wished that the project should be commissioned as early as possible

Shri P. R. Mane, Sub Regional Officer, MPCB, Kolhapur and Convener of Public Hearing panel conveyed that the proceedings of the presentation made by the consultant, the discussions that took place during hearing have been duly recorded and same would be communicated to MoEF through minutes .

The Chairman of Public Hearing meeting Mr. Sanjay Pawar communicated that the minutes incorporating all the discussions occurred during meeting would be prepared and submitted to Government of India and he thanked all the person present for putting their questions silently and declared that meeting was over.

Sanjay Pawar

Chairman

Additional District Magistrate, Kolhapur

Representative of District Collector,

Dist. : Kolhapur

Shri Pramod R. Mane

Convener

I/c Sub Regional Officer,

MPC Board, Kolhapur